

IN THE CLAIMS:

Please amend claim 1 as follows:

1. (Currently Amended) Method for the machining of wood workpieces, said method comprising

providing at least one machining tool in a single work station for machining a wood workpiece,

providing a first conveying system in a feeding region of the single work station for the wood workpiece,

providing a second conveying system in a discharge region of the single work station for the wood workpiece, the second conveying system including a coupling unit cooperating with the first conveying system for conveying the wood workpiece,

providing each of the first and the second conveying systems with a positioning system for carrying out a plurality of machining operations in the single work station on the wood workpiece by the at least one machining tool in the single work station, the positioning system for each of the first and the second conveying systems being connected with measuring equipment to index the wood workpiece during a first machining of a front end of the wood workpiece by the at least one machining tools,

machining of the front end of the wood workpiece in the single work station,
and

performing subsequent machining operations on the wood workpiece in the single work station simultaneously while the wood workpiece is constantly moving from the feeding region to the discharge region as controlled by the positioning system directing each of the first and the second conveying systems to exactly position the wood workpiece for the machining operations by the at least one machining tool, and

moving the at least one machining tool along several axes in coordination with each of the first conveying system and the second conveying system to complete the machining operations as the wood workpiece moves into, through and out of the single work station.

2. (Cancelled)

3. (Previously Presented) Method according to claim 1, wherein each of the first and the second conveying systems recognizes, collects and indexes the wood workpiece before the machining operations.

4. (Previously Presented) Method according to claim 1, wherein the positioning systems provided for both the first and the second conveying systems in the feeding region and the discharge region, respectively, are normalized.

5. (Previously Presented) Method according to claim 1, wherein the positioning systems provided for both of the first and the second conveying systems in the feeding region and the discharge region, respectively, are synchronized.

6-46. (Cancelled)

Please add new claims 47-52 as follows:

47. (New) Method according to claim 1, wherein said at least one machining tool includes a first machining tool above the wood workpiece and a second machining tool below the wood workpiece in opposition to each other in the single work station.

48. (New) Method according to claim 47, wherein a third and a fourth machining tool are located on opposite sides of the wood workpiece in the single work station.

49. (New) Method according to claim 1, further comprising moving the coupling unit into the single work station to engage the wood workpiece and pull the wood workpiece from the single work station.

50. (New) Method according to claim 49, wherein the coupling unit includes two tongs.

51. (New) Method according to claim 50, wherein the two tongs grip the wood workpiece from above and below the wood workpiece.

52. (New) Method according to claim 51, wherein the coupling unit moves towards and away from the single work station.